

AMENDMENTS TO THE CLAIMS:

Please amend claims 3, 8-11, 16, and 17, and cancel claims 1, 2, 4-7, 12-15, and 18, without prejudice or disclaimer, as listed in the following listing of the claims, which replaces all prior versions and listings of claims in the application:

1. (Canceled).
2. (Canceled).
3. (Currently Amended) The system according to claim 1, wherein A system for location search of a data processing device including a wireless communications unit and a unit to output received radio wave information for location detection, the system comprising:
a unit which acquires the received radio wave information from the data processing device by wireless communications;
a location detection unit which calculates position coordinate information to specify a location of the data processing device based on the received radio wave information;
a region information database in which region information is stored to designate a spatial range associated with the position coordinate information, the region information database [[stores]]storing space identification information which specifies the spatial range associated with the position coordinate information, and the region

information including control information indicating a predetermined control process for
[[each]]the spatial range[[]]; and

a search unit which searches the region information corresponding to the position
coordinate information calculated by the location detection unit from the region
information database.

4. (Canceled).

5. (Canceled).

6. (Canceled).

7. (Canceled).

8. (Currently Amended) The system according to claim [[1,]]3, wherein the
region information database stores space identification information specifying the spatial
range associated with the position coordinate information and the region information
including control information indicating a predetermined process for each spatial range,

the system further comprising:

a computer system which manages the location of the data processing device;

and

means for transferring the position coordinate information and the region
information to the computer system,

the computer system including:

a unit which uses the position coordinate information and the region information to produce display information capable of confirming the location of the data processing device;

a display device which displays the display information on a display; and

a controller which executes ~~[[a]]~~the predetermined control process set for ~~[[each]]~~the spatial range corresponding to the location of the data processing device in accordance with the control information.

9. (Currently Amended) The system according to claim 8, wherein the controller executes a control so as to prohibit the display information from being displayed or to change the display information to a predetermined content, based on ~~when the control information indicates the display prohibition or the change of the display information.~~

10. (Currently Amended) The system according to claim ~~[[1,]]~~3, further comprising:

a controller which executes a predetermined alarm process, when the control information indicates an alarm.

11. (Currently Amended) ~~The system according to claim 1, wherein~~ A system for location search of a data processing device including a wireless communications unit

and a unit to output received radio wave information for location detection, the system comprising:

a unit which acquires the received radio wave information from the data processing device by wireless communications;

a location detection unit which calculates position coordinate information to specify a location of the data processing device based on the received radio wave information;

a region information database in which region information is stored to designate a spatial range associated with the position coordinate information, the region information database [[stores]]storing the region information including space identification information specifying the spatial range associated with the position coordinate information,

the space identification information ~~includes:~~including:

a space name allocated to the spatial range;

range identification information which identifies ~~[[the]]~~a spatial range set for each of a plurality of different position coordinate information and which indicates the same content[[.]] when a plurality of spatial ranges specified by the plurality of different position coordinate information are treated as the same spatial range; and

entrance/exit information indicating a position coordinate of an entrance/exit with respect to the spatial range~~[[.]]~~; and

a search unit which searches the region information corresponding to the position coordinate information calculated by the location detection unit from the region information database.

the search unit including movement detection means for detecting that the data processing device has moved to a different spatial range based on the position coordinate information calculated by the location detection unit,

wherein the search unit ignores a movement detected by the movement detection means as an error if, when searching the region information from the region information database based on the position coordinate information calculated by the location detection unit, the search unit judges that the data processing device has moved to the different spatial range through a range other than the entrance/exit indicated by the entrance/exit information.

12. (Canceled).

13. (Canceled).

14. (Canceled).

15. (Canceled).

16. (Currently Amended) ~~A method according to claim 15, wherein~~ A method of location search of a data processing device including a wireless communications unit and a unit to output received radio wave information for location detection, the method comprising:

calculating position coordinate information to specify a location of the data processing device based on the received radio wave information acquired from the data processing device by wireless communications;

referring to a region information database in which region information is stored to designate a spatial range associated with the position coordinate information;

searching the region information corresponding to the position coordinate information from the region information database, the region information database ~~[[stores]]~~storing space identification information to specify the spatial range associated with the position coordinate information, and the region information including control information indicating a predetermined control process for ~~[[each]]~~the spatial range~~[[, and]]~~;

transferring the position coordinate information and the region information to a computer system which manages the location of the data processing device, the computer system ~~[[uses]]~~using the position coordinate information and the region information to display information capable of confirming the location of the data processing device on a display~~[[,]]~~; and

~~executes a~~executing the predetermined control process set for each for the spatial range corresponding to the location of the data processing device in accordance with the control information.

17. (Currently Amended) ~~A method according to claim 14, wherein~~ A method of location search of a data processing device including a wireless communications unit

and a unit to output received radio wave information for location detection, the method comprising:

calculating position coordinate information to specify a location of the data processing device based on the received radio wave information acquired from the data processing device by wireless communications; and

referring to a region information database in which region information is stored to designate a spatial range associated with the position coordinate information, and searching the region information database for the region information corresponding to the position coordinate information, the region information database [[stores]]storing space identification information to specify the spatial range associated with the position coordinate information, and the region information including entrance/exit information indicating a position coordinate of an entrance/exit with respect to the spatial range[[,]];

~~the method further comprising:~~

~~detecting that the data processing device has moved [[in]]to a different spatial range[[s]] based on the position coordinate information; and~~

~~ignoring [[the]]a detected movement as an error[[,]] when searching the region information from the region information database based on the position coordinate information and judging that the data processing device has moved [[in]]to the different spatial range[[s]] through a range other than the entrance/exit indicated by the entrance/exit information.~~

18. (Canceled).